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	For	MPTO-1449 Modified	Docket No. CEPH-1422	Serial No. 77 09/614,947 2 7				
		of Patent and Publications Cited by Applicant several sheets if necessary)	Applicant Russell A. Brierly et al. Filing Date Tuly 12, 2000 Group 1646					
		Department of Commerce ent and Trademark Office	Filing Date July 12, 2000	Group 1646 Group 1646				
	OTH	IER DOCUMENTS (Including Author	r, Title, Date, Pertinei	nt Pages, Etc.)				
Cv	AA	Axellson et al., "Disulfide arrangeme from yeast and plasma", J. Biochem,		ce growth factor I derived				
	AB		Bayne et al., "Expression, purification and characterization of recombinant human insulin-like growth factor I in yeast", <i>Gene</i> , 1988 , 66, pp 235-244					
	AC	Browning et al., "Disulfide scrambling possible isomers", Analytical Biocher	ing of Interleukin-2: HPLC resolution of the three em, 1986, 155, pp 123-128					
	AD	Chang et al., "Single -step solubilizate escheria coli", Chapter 14 in Protein 1993, pp 178-188	tion and folding of IGF-1 aggregates from Folding in Vivo and In Vitro, Am Chem Soc.,					
	AE	Chang et al., "Folding of IGF-I" BIO	Chang et al., "Folding of IGF-I" BIOT, Abstract # 117					
	AF		art et al., "Effect of environment on insulin-like growth factor I refolding ectivity", Biotechnol. Appl. Biochem, 1994, 20, pp 217-232					
	AG	Hart et al., "Large scale in situ isolation of periplasmic IGF-I from e-coli" <i>Bio/Technology</i> , 1994 , 12, pp 1113-1117						
	АН	Hejnaes et al., "Development of an optimized refolding process for recombinant Ala-Glu-Igf-1", <i>Protein Engineering</i> , 1992 , 5, pp 797-806						
	AI		Hober et al., "Disulfide exchange folding of insulin-like growth factor I", Biochemistry, 1992, 31, pp 1749-1756					
V	AJ	Meng et al., "Reduction studies on ba growth factor I", Journal of Chromate						
EXAM	IINER	C. Saoud	DATE CONSIDERE	E D 1/18/02				
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	Forn	* POOL 3449 Modified	Docket No. CEPH-1422	Serial No. 09/614,947	원 구			
		of Patent and Publications Cited by Applicant several sheets if necessary)	Applicant Russell A. Brierly et	t al.	SEP 0 7 2001 CENTER 1600/290			
		Department of Commerce nt and Trademark Office	Filing Date July 12, 2000	Group 1646	VED 2001 1600/2900			
	ОТНІ	ER DOCUMENTS (Including Autho	r, Title, Date, Pertinei	nt Pages, Etc.)			
CV.	AK	Miller et al., "Oxidative refolding of of similar thermodynamic stability: A 1993, 32, pp 5203-5213	insulin-like growth fac A bifurcating protein-fo	tor 1 yields tw lding pathway	yo products y", BioChem,			
	AL	Niwa et al., "chemical synthesis, clor somatomedin C (Insulin-like growth Acad. Sci., 1986, 469, pp 31-52	ynthesis, cloning and expression of genes for human -like growth factor I) and 59 Val-Somatomedin C", Ann. NY p 31-52					
	AM	Olson et al., "Preprative isolation of a by reversed-phase high performance Chromatography, 1994, 675, pp 101-	tion of recombinant human insulin-like growth factor 1 mance liquid chromatography", <i>Journal of</i> pp 101-112					
	AN	Petrides et al., "An improved method factors I and II", Endocrinology, 1986	or 1/Somatomedin-C: A rapid isolation procedure with					
	AO	Pfeifle et al., "Insulin-like factor 1/So FPLC", Preparative Biochemistry, 19						
	AP	Scrip No. 910, 1984 , pp 21	21					
	AQ	Steiner et al., "The spontaneous reoxi Biochemistry, 1968, 60, pp 622-629	eoxidation of reduced beef and rat proinsulins",					
	AR	Sofer et al., Biotechniques, 1983, pp	iques, 1983, pp 198-203					
V	AS Elliot et al., "Yeast-derived recombinant human insulin-like growth factor I:Production, Purification, and structural characterization", Journal of Protein Chemistry, 1990, 91(1), pp 95-104							
ca	Kim, S.O. et al., "Production and purification of recombinant human insulin-like abstraction growth factor I from escherichia coli", Ca & Mol Cells, 1994,4(4), pp 467-472/							
EXAMIN	ER		DATE CONSIDERED					

	. (SEP 0 4 2001 &		S	theet 3 of	5
	Forn	Modified	Docket No. CEPH-1422	Serial No. 09/614,947	TECH	· •
		of Patent and Publications Cited by Applicant everal sheets if necessary)	Applicant Russell A. Brierly e	al.	CENTER :	ָ ר
		Department of Commerce nt and Trademark Office	Filing Date July 12, 2000	Group 1646	2001 600/2900	ACL
	ОТН	ER DOCUMENTS (Including Autho	or, Title, Date, Pertine	it Pages, Etc.	.)	_
or	AU	Rosenfeld, R.D. et al., "Mutation of factor-I results in two forms different but similar under reverse-phase cond 247-254, Abstract only	t in disulfide structure a litions". <i>I. Protein Che</i> r	nd native con	formation	th
04	AV	Kim, S.O. et al., "High level express human insulin-like growth factor I", 105	ion and simple purificat Journal of Biotechnolog	ion of recomb gy, 1996, 48(2	oinant 2), PP 97-	
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EXAMINE	R		DATE CONSIDERE	D	_	\dashv

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	Forn	PEONTA49 Mod	dified	Docket No. CEPH-1422	Serial N 09/614,9	o. H
		of Patent and Publica Cited by Applicant everal sheets if nece		Applicant Russell A. Brier	ly et al.,	SEP 0 7 2001 TECH CENTER 1600/2900
U.S. Department of Commerce Patent and Trademark Office				Filing Date July 12, 2000	Group 1646	1600/29
		U	. S. PATENT I	OOCUMENTS		8 6
Examin er Initial		Document No.	Date	Name	Class	Subclass
N	AW	5,093,317	03/03/92	Lewis et al.	5/14	12
	AX	5,231,178	07/27/93	Holtz et al.	530	399
,	AY	5,288,931	02/22/94	Chang et al.	530	399
	AZ	5,324,639	06/28/94	Brierley et al.	435	69.4
	BA	5,407,810	04/18/95	Builder et al.	435	69.1
	BB	5,410,026	04/25/95	Chang et al.	530	408
	BC	5,451,660	09/19/95	Builder et al.	530	344
	BD	5,446,024	08/29/95	Builder et al.	514	12
W	BE	5,459,052	10/17/95	Skriver et al.	435	71.2
		FOR	EIGN PATENT	DOCUMENTS		*
Examin er Initial		Document No.	Date	Country		nslation NO
CK	BF	WO 93/11240	06/10/93	PCT		
	BG	WO 93/19084	09/30/93	PCT	- 	
	ВН	WO 95/06064	03/02/95	PCT		
	BI	WO 95/16777	06/22/95	PCT	<u> </u>	
W	BJ	WO 92/12993	08/06/92	PCT		
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	Patent a	partment of Community of Community Officers	fice	Filing Date July 12, 2000	Group 1646	2001 1600/2900	
		U.	S. PATENT D	OCUMENTS			
Examiner Initial		Document No.	Date	Name	Class	Subclass	
_ OF 1	ВК	5,650,496	07/22/97	Brierley et al.	530	416	
0 1	BL	6,207,806 B1	03/27/01	Brierly et al.	530	4016	
	_	-		-			
	 		 				
		FORE	IGN PATENT	DOCUMENTS			
Examiner Initial	Document No.		Date	Country	Translation YES NO		
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